

RECEIVED  
U.S. PATENT & TRADEMARK OFFICE  
FAX CENTER

APR 29 2005

**FACSIMILE  
TRANSMISSION  
TO USPTO**

## CERTIFICATION OF FACSIMILE TRANSMISSION:

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING FACSIMILE TRANSMITTED TO THE USPTO ON THE DATE SHOWN BELOW:

Date of Transmission: April 29, 2005  
Name of Person Making Transmission: Teri McDonald  
Signature:*Teri McDonald* 4/29/05

DOCUMENT(S) FAXED:

PAGES ATTACHED: 14

|              |                          |
|--------------|--------------------------|
| Re Applic of | Jeffrey A. Brody, et al. |
| Docket No.   | FIS920030419US1          |
| Serial No.   | 10/708,887               |
| Filing Date  | 3/30/04                  |
| Attorney     | James Cioffi             |

Attached: **Amendment  
Amendment Transmittal  
Replacement Drawing Sheet 7/9**

**PLEASE DELIVER TO: Renee S. Luebke  
EXAMINER: ART UNIT: 2833  
CONFIRMATION NO.: 2886  
PHONE NO:  
FAX NO: 703-872-9306**

THIS MESSAGE IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED, AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE AND RETURN THE ORIGINAL MESSAGE TO US AT THE ADDRESS TO THE RIGHT VIA THE U.S. POSTAL SERVICE.

INTERNATIONAL BUSINESS MACHINES CORPORATION

Intellectual Property Law  
East Fishkill Facility  
2070 Route 52  
Hopewell Junction  
New York 12533-6531

Fax: 845-892-6363  
Phone: 845-894-2580

**AMENDMENT TRANSMITTAL LETTER (Large Entity)**

Applicant(s): Jeffrey A. Brody, et al.

Docket No.

FIS920030419US1

|                               |                        |                             |                       |                        |                          |
|-------------------------------|------------------------|-----------------------------|-----------------------|------------------------|--------------------------|
| Application No.<br>10/708,887 | Filing Date<br>3/30/04 | Examiner<br>Renee S. Luebke | Customer No.<br>32074 | Group Art Unit<br>2833 | Confirmation No.<br>2886 |
|-------------------------------|------------------------|-----------------------------|-----------------------|------------------------|--------------------------|

Invention: **MICRO-BUMPS TO ENHANCE LGA INTERCONNECTIONS****COMMISSIONER FOR PATENTS:**

Transmitted herewith is an amendment in the above-identified application.

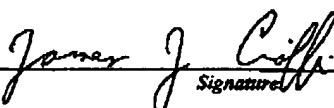
The fee has been calculated and is transmitted as shown below.

**CLAIMS AS AMENDED**

|  | CLAIMS REMAINING<br>AFTER AMENDMENT | HIGHEST #<br>PREV. PAID FOR | NUMBER EXTRA<br>CLAIMS PRESENT | RATE       | ADDITIONAL<br>FEE |
|--|-------------------------------------|-----------------------------|--------------------------------|------------|-------------------|
| TOTAL CLAIMS   | 7 -                                 | 24 =                        | 0                              | x \$50.00  | \$0.00            |
| INDEP. CLAIMS  | 1 -                                 | 4 =                         | 0                              | x \$200.00 | \$0.00            |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> |                                     |                             |                                |            | \$0.00            |
| <b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>                           |                                     |                             |                                |            | <b>\$0.00</b>     |

- No additional fee is required for amendment.
- Please charge Deposit Account No. 09-0458 in the amount of \$0.00
- A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account
- Any additional filing fees required under 37 C.F.R. 1.16.
  - Any patent application processing fees under 37 CFR 1.17.
- Payment by credit card. Form PTO-2038.

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**



Dated: April 29, 2005

James Cioffi  
Attorney for Applicants  
Reg No. 51,564

cc:

I hereby certify that this correspondence is being sent via facsimile on April 29, 2005 and is addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

April 29, 2005

(Date)



Signature of Person Mailing Correspondence

Teri McDonald

Typed or Printed Name of Person Mailing Correspondence

**RECEIVED  
CENTRAL FAX CENTER**

**APR 29 2005**

Date of Transmission: April 29, 2005

I hereby certify that this paper and fee are being transmitted via facsimile to the Commissioner for Patents in accordance with 37 CFR Sec. 1.6(d) on the date indicated above.

Teri McDonald

Name of Person Transmitting Paper and Fee



4/29/05  
Signature of Person Transmitting Paper and Fee

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|  |   |
|--|---|
| In re application of: Jeffrey A. Brody, et al.     | Date: April 29, 2005  |
| Serial Number: 10/708,887                          | Examiner: Renee S. Luebke   |
| Filed: 3/30/04                                     | Group Art Unit: 2833  |
| Title: Micro-Bumps to Enhance LGA Interconnections | IBM Corporation<br>D/18G, B/300, Zip 482<br>2070 Route 52<br>Hopewell Junction, NY 12533-6531 |

**AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated February 1, 2005, the following Amendment is being submitted to place the above identified application in *prima facie* condition for allowance. Please amend the application as follows:

10/708,887

1

FIS920030419US1

PAGE 3/15 \* RCVD AT 4/29/2005 1:31:55 PM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-1/1 \* DNIS:8729306 \* CSID:845 892 6363 \* DURATION (mm:ss):03:14